

Figure S1. Levels of cytokines secreted by mouse spleen lymphocytes 8 weeks after immunization with the candidate vaccines. Cytokine levels were examined after stimulation with EPCP009 protein after 8 weeks of initial immunization with the different vaccine candidates. The p values indicating the significance of differences were determined by one-way ANOVA with Tukey's multiple comparison tests.

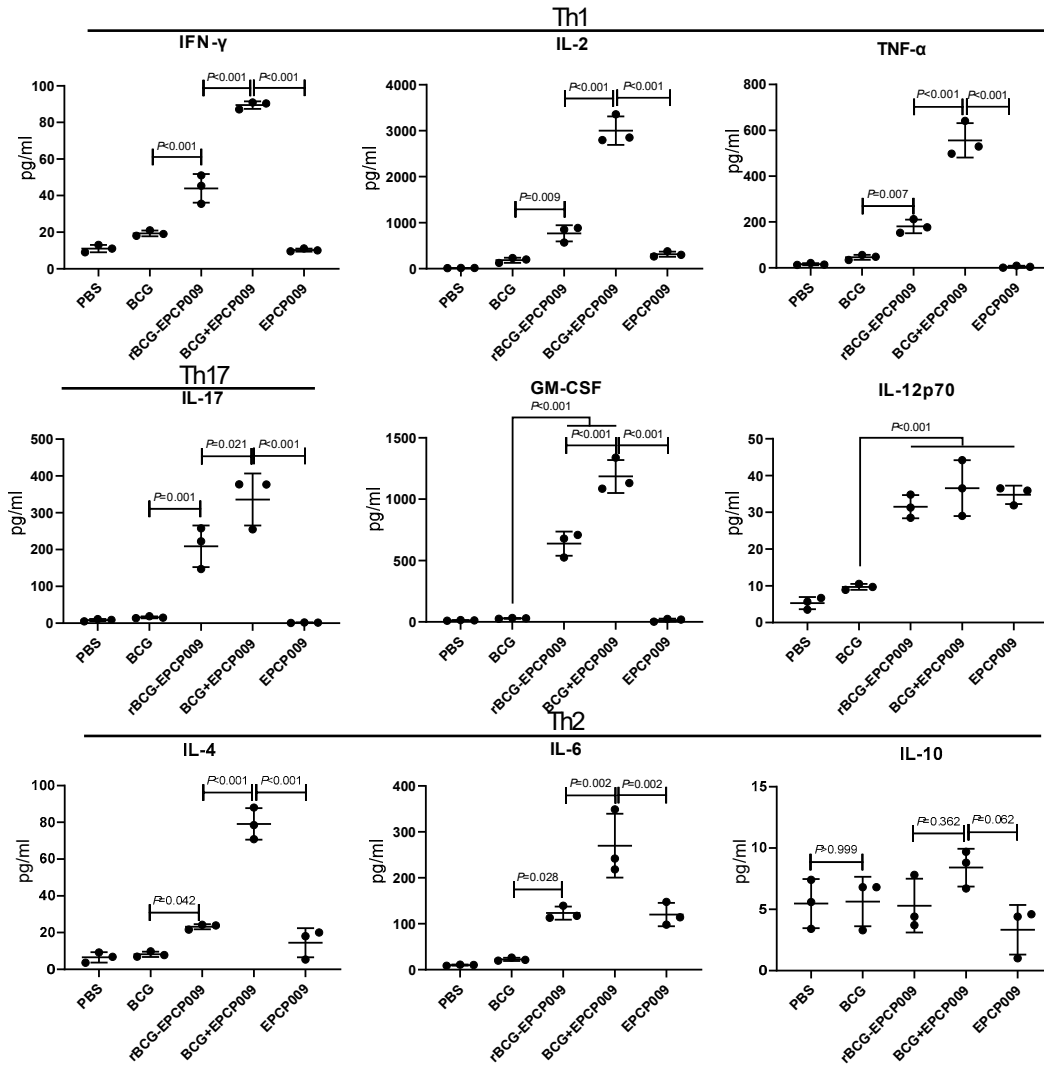


Figure S2. Levels of cytokines secreted by mouse spleen lymphocytes 12 weeks after immunization with the vaccine candidates. Cytokine levels secreted on stimulation with EPC009-specific proteins were measured after 12 weeks of initial immunization with the different vaccine candidates. The p-values indicating the significance of differences were determined by one-way ANOVA with Tukey's multiple comparison tests.

Table S1. Nucleotide sequence and amino acid sequence of EPC009

ATGACAGAGCAGCAGTGGGAATTCGCGGGTATCGAGGCCGCGCAAGCGCAATCCAGGGAAA
TGTCACGTCCATTTCCTCCTTGACGAGGGGAAGCAGTCCCTGACCAAGCTCGCAGCGGCC
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CGAGCTGAACAACGCGCTGCAGAACCTGGCGCGGACGATCAGCGAAGCCGGTCAGGCAATGG
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CCTGTGGAAGACGGTCTCGCCGCATCGGTGCGCGATCAGCAACATGGTGTGCGATGGCCAACAA
CCACATGTCGATGACCAACTCGGGTGTGTCGATGACCAACACCTTGAGCTCGATGTTGAAGGGC
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CGATGCCGCTACCTCGCGCAGGAGGCAGGTAATTCGAGCGGATCTCCGGCGACCTGAAAAC

CCAGATCGACCAGGTGGAGTCGACGGCAGGTTTCGTTGCAGGGCCAGTGGCGCGGCGCGGCGG
GGACGGCCGCCCAGGCCGCGGTGGTGCGCTTCCAAGAAGCAGCCAATAAGCAGAAGCAGGAA
CTCGACGAGATCTCGACGAATATTCGTCAGGCCGGCGTCCAATACTCGAGGGCCGACGAGGAG
CAGCAGCAGGCGCTGTCCTCGCAAATGGGCTTCGGTGGTTCTGGCGGTGGTAGCACGCTGCTC
TACCCGCTGTTCAACCTGTGGGGTCCGGCCTTTCACGAGAGGTATCCGAACGTCACGATCACCG
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CGATGATCGACGGGGCCCGCCCCGGACGGCTACCCGATCATCAACTACGAGTACGCCATCGTCA
ACAACCGGCAAAAGGACGCCGCCACCGCGCAGACCTTGCAGGCATTTCTGCACTGGGCGATCA
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TGAAGTTGTCTGACGCGTTGATCGCGACGATTCCTAG